

1 1. A modular, knockdown furniture item adapted to be disposed upon a generally flat or
2 horizontal supporting surface, the furniture item comprising:

3 a generally planar top adapted to be supported vertically above said supporting
4 surface;

5 a plurality of generally planar, radially spaced apart legs, each leg comprising:

6 a junction region;

7 an integral, lower foot extending away from said junction region for
8 contacting said supporting surface;

9 an integral, upper arm extending angularly outwardly and upwardly from said
10 junction region for grasping said top;

11 an integral, upright protrusion extending vertically upwardly away from said
12 junction region, the width of the protrusion gradually decreasing towards the top, each
13 protrusion comprising an elongated, inner edge; and,

14 a locking recess disposed between said arms and said protrusions;

15 a generally planar lock adapted for deployment between said surface and said top for
16 captivating the legs and compressing them together in fixed, radially spaced-apart alignment,
17 the lock comprising:

18 intersecting, internal slots through which the protrusion from each leg extends;

19 and,

20 notches aligned with said slots for frictionally engaging a portion of said arms
21 upon assembly;

22 whereby, when the protrusions are engaged within said slots and the lock is thereafter
23 pressed downwardly against yieldable pressure from frictional contact of the protrusions
24 sliding relative to and within the slots, the legs are compressively captivated together in fixed,
25 radially spaced apart alignment, with the lock seating within said locking recesses and with
26 said protrusion edges being compressively locked together in mutually abutting relation.

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28 2. The furniture item as defined in claim 1 wherein each protrusion region comprises
29 wedging ramps opposite said inner edges, and said locking recesses comprise a ledge for
30 seating said lock.

3. The furniture item as defined in claim 2 wherein the arms comprise upper ledges for seating the top and hooks for grasping the top, said hooks being drawn into engagement with said top in response to downward movement of said lock as it engages the protrusions and seats within said recesses.

4. A modular, knockdown furniture item adapted to be disposed upon a generally flat or horizontal supporting surface, the furniture item comprising:

- a generally planar top adapted to be supported vertically above said supporting surface;

- a plurality of generally planar, radially spaced apart legs, each leg comprising:

- a junction region;

- an integral, lower foot extending away from said junction region for contacting said supporting surface;

- an integral, upper arm extending angularly outwardly and upwardly from said junction region, each arm having a hook for grasping said top;

- an integral protrusion extending vertically upwardly away from said junction region, the protrusion characterized by a decreasing width between an outer ramp and an inner edge;

- a locking recess formed between said arms and said protrusions;

- a generally planar lock adapted for deployment between said surface and said top for captivating the legs and compressing them together in fixed, radially spaced-apart alignment, the lock comprising:

- intersecting, internal slots of predetermined dimensions through which the protrusion from each leg extends; and,

- notches aligned with said slots for frictionally engaging a portion of said arms upon assembly;

- whereby, when the protrusions are engaged within said slots and the lock is thereafter pressed downwardly against yieldable pressure from the gradually widening protrusions sliding relative to the slots, the legs are compressively captivated together in fixed, radially spaced apart alignment with said protrusion edges compressively facing one another and with the lock seating within said locking recesses; and,

wherein the arms comprise means for grasping the top about its periphery when the furniture item is assembled.

5. The furniture item as defined in claim 4 wherein the arm's means for grasping the top comprise hooks that are drawn into engagement with the periphery of said top in response to compression of said protrusions by said lock during assembly.

6. A modular, knockdown table adapted to be disposed upon a generally flat or horizontal supporting surface, the table comprising:

- a generally planar top adapted to be supported vertically above said supporting surface;

- a plurality of generally planar, radially spaced apart legs, each leg comprising:

- a junction region;

- an integral, lower foot extending angularly away from said junction region for contacting said supporting surface;

- an integral, upper arm extending angularly outwardly and upwardly from said junction region, each arm having a hook for grasping said top;

- an integral protrusion extending vertically upwardly away from said junction region, the protrusion characterized by a decreasing width between an outer ramp and an inner edge;

- a locking recess formed between said arms and said protrusions;

- a generally planar lock adapted for deployment between said surface and said top for captivating the legs and compressing them together in fixed, radially spaced-apart alignment, the lock comprising:

- intersecting, internal slots through which the protrusion from each leg extends;

- and,

- notches aligned with said slots for frictionally engaging a portion of said arms upon assembly;

- whereby, when the protrusions are engaged within said slots and the lock is thereafter pressed downwardly against yieldable pressure from the protrusions sliding within the lock slots, the legs are compressively captivated together in fixed, radially spaced apart alignment

with said protrusion edges compressively facing one another and with the lock seating within said locking recesses; and,

wherein the arms comprise means for grasping the top, and said last mentioned means are drawn into engagement with said top in response to said lock.

7. The table as defined in claim 6 wherein the arm's means for grasping the top comprise hooks that are drawn into engagement with the periphery of said top in response to compression of said protrusions by said lock during assembly.

8. The table as defined in claim 6 wherein each protrusion region comprises wedging ramps opposite said inner edges, and said locking recesses comprise a ledge for seating said lock.

9. The table as defined in claim 6 wherein the arms comprise upper ledges for seating the top.

10. The table as defined in claim 9 wherein the arm's means for grasping the top comprise hooks that are drawn into engagement with the periphery of said top in response to compression of said protrusions by said lock during assembly.